$$J_{Out} = (\mathbf{P}\ \mathbf{QWP_2}\ )\,\mathbf{SLM}\,(\mathbf{QWP_1}\ \mathbf{HWP})\ J_{In}$$

$$|J> = \begin{pmatrix} J_x \\ J_y \end{pmatrix} = (\mathbf{QWP_1}\mathbf{HWP})\ J_{In}$$

$$I = |<J|\mathbf{SLM}|J>|^2$$

$$= \left| (J_x \quad J_y) \begin{pmatrix} X+iY & Z+iW \\ -Z+iW & X-iY \end{pmatrix} \begin{pmatrix} J_x \\ J_y \end{pmatrix} \right|^2$$